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SUBSTITUTE FOR FORE IPC/SB/08

INFORMATION DISCLOSURE STATEMENT LIST OF DOCUMENTS CITED BY APPLICANT

ATTY DOCKET NO: GOULIAEV=7A

SERIAL NO: 10/539,288

APPLICANT: GOULIAEV, et al.

FILING DATE: June 16, 2005 GROUP:

EXAM. INITIAL	ID	ID DOCUMENT NUMBER				ER		FILING, ISSUE OR PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	Relevant Passage(s)	r.	
/J.D./	AA	6	4	2	9	3	0	0	Aug. 06, 2002	Kurz, M et al.		Т
- [AB	6	2	0	7	4	4	6	Mar 27, 2001	Szostak, J et al.		Т
	AC	6	1	4	3	5	0	3	Nov 7, 2000	Baskerville, DS et al.		T
	AD	6	6	2	0	5	8	7	Sept 16, 2002	Taussig, MJ et al.		T
1	AE	200	300	0412	2			_	Jan 2, 2003	Beigelman et al.		T
	AF	6	5	9	3	0	8	8	Jul 15, 2003	Saito, I et al.		T
	AG	5	5	7	1	9	0	3	Nov 5, 1991	Gryaznov,SM et al.		Ť
	AH	5	4	7	6	9	3	٥	Dec 19, 1995	Letsinger, RL et al.		T
	AI	5	6	8	1	9	4	3	Oct 28, 1997	Letsinger, RL et al.		Ť
1	AJ	5	7	8	0	6	1	3	Jul 14, 1998	Letsinger, RL et al.		T
	AK	5	7	4	1	6	4	3	Apr 21, 1998	Gryaznov, SM et al.		T
1	AL	5	8	3	0	6	5	8	Nov 3, 1998	Gryaznov, SM et al.		t
	AM	5	8	4	3	6	5	0	Dec 1, 1998	Segev, D		+
_	AN	5	5	0	3	8	0	5	Apr 2, 1993	Sugarman et al.		+
	AO	5	6	3	9	6	0	3	Jun 17, 1997	Dower et al.		+
	AP	5	6	6	5	9	7	5	Sep 9, 1997	Kedar et al.		+
1	AO	5	7	0	8	1	5	3	Jan 13, 1998	Dower et al.		+
+	AR	5	7	7	0	3	5	8	Jun 23, 1998	Dower et al.		+
	AS	5	7	8	9	1	6	2	Aug 4, 1998	Dower et al.		+
+	AT	6	0	5	6	9	2	6	May 2, 2000	Sugarman et al.		+
	AU	6	l i	4	0	4	9	3	Oct 31, 2000	Dower et al.		+
-	AV	6	1	4	3	4	9	7	Nov 2, 2000	Dower et al.		+
+	AW	6	1	6	5	7	i	7	Dec 26, 2000	Dower et al.		+
-	AX	6	1	6	5	7	7	8	Dec 26, 2000	Kedar et al.		+
	AY	6	4	1	6	9	4	9	July 9, 2002	Dower et al.		+
-	AZ	5	5	7	3	9	0	5	Nov. 12, 1996	Lerner, RL et		+
		_	[]	'	,	1	ľ	_	Nov. 12, 1550	al.		1
	BA	5	7	2	3	5	9	8	Mar 3, 1998	Lerner, RL et al.		T
	BB	6	0	6	0	5	9	6	May 9, 2000	Lerner, R et al.		Т
V	BC	4	8	2	2	7	3	1	Apr. 18, 1989	Watson et al.		Т
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of entire document included. If English language abstract included, put A in this box.
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SXAM. INITIAL	ID		DO	CUMI	SNT	NUME	ER		FILING, ISSUE OR PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	RELEVANT PASSAGE(s)	T'
/J.D./	BE	6,2	97,0	053					Oct. 2, 2001	Stemmer		
	BF	200	5002	2576	6				Feb. 2, 2005	Liu et al.		+
	BG	200	5004	1266	9				Feb. 24, 2005	Liu et al.		+
	ВН	20050042669						Feb. 24, 2005	Liu, David R			
	BI 20050025766			Feb. 3, 2005	Liu, David R		+					
	BJ								June 30, 2005	Liu, David R		
	BK	2005170376 20030050453						Aug. 4, 2005	Liu, David R		Т	
	BL							March13, 2003	Sorge Joseph A			
	BM	200	4185	5484					Sept 23, 2004	Costa Gina L et al.		
	BN	200	3182	2068					Oct 30, 2002	Battersby, Bronwyn, J. et al.		
	ВО	5	6	0	3	б	4	6	Sept 2, 1997	Baldwin et al.		_
	BP								Oct 7, 2004	Hassibi, Arjang et al		
	BQ	20040191812						Sept 30, 2004	Davydova, Elena, K. et al		T	
	BR	6	7	9	0		θ .	1	Aug 24, 2004	Southern et al.		1
·	BS	6	6	2	0	5	0	4	Sept. 16, 2003	Chee et al.		_
	BT	6	0	1	3	5	0	θ	Sept 2, 2003	Ness et al.		
	BU	200	3018	3623	3				Oct 2, 2003	Chesnut et al.		1
	BV	200	201:	1506	8				Aug 22, 2002	Tomlinsen et al.		
	BW	20020081714							Jun 27, 2002	Jain, Maneesh et al.		T
	BX	6	2	8	7	7	6	5	Sept 11, 2001	Cubicciotti, Roger S. et al.		
V	BY	200	501	7037	6				Aug 4, 2005	Liu, David R et al.		T

FOREIGN PATENT DOCUMENTS (include at least document number, publication date and country)

EXAM. INITIAL	ID	COUNTRY CODE & DOCUMENT NUMBER	PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	PASSAGE (S)	T*
/J.D./	BZ	WO/9303172	02-18-1993	GOLD et al		Е
1	CA	WO/9831700	07-23-1998	SZOSTAK et al		E
	СВ	WO/0032823	06-08-2000	LOHSE et al		Е
1,	CC	WO/0047775	08-17-2000	SZOSTAK et al		Е
V	CD	WO/9005785	05-31-1990	SCHULTZ		Е
EXAMINER		/Joseph Dauner/	DATE CONS	DATE CONSIDERED		

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GOULIAEV, et al. FILING DATE: June 16, 2005 GROUP:

EXAM. INITIAL	ID	COUNTRY CODE & DOCUMENT NUMBER	PUBLICATION DATE MM-DD-YYYY	PATENTEE OR APPLICANT	RELEVANT PASSAGE(S)	т*
'/J.D./	CE	EP 0324616	07-19-1989	ROYER et al		Е
. [CE	WO/9635699	11-14-1996	LETSINGER et al		Е
	CG	EP 0695305	02-07-1996	LETSINGER et al		Е
1	CH	WO/0061775	10-19-2000	SERGEEV		Е
1	CI	EP 0604552	07-06-1994	DOWER et al		Е
	CJ	WO 9512608	05-11-1995	SUGARMAN et al		Е
-	CK	EP 0773227	05-14-1997	DOWER et al		E
-	CL	EP 0776330	06-04-1997	HOLMES		E
	CM	EP 0643778	03-22-1995	LERNER et al		E
_	CN	WO/0023458	04-27-2000	HARBURY, et al		E
	CO	WO/02074929	09-26-2002	LIU et al		E
+	CP	WO/2004016767	02-26-2004	LIU et al		E
-	CQ	WO/9856904	12-17-1998	PAYAN		E
+	CP	WO/0100876	01-04-2001	MIRKIN et al.		E
-	CS	WO/9612014	04-25-1996	BRENNER		E
_	CT	WO/02103008	12-27-2002	PEDERSEN et al		E
	CU	WO/02102820	12-27-2002	PEDERSEN et al		I
_	CV	WO/03078625	09-25-2003	PEDERSEN et al		E
	CW	WO/2004013070	02-12-2004	PEDERSEN et al		E
_	CX	WO/2004110964	12-23-2004	PEDERSEN et al		Ť
_	CY	WO/2004024929	03-25-2004	FRANCH et al.		F
-	CZ	WO/2004074501	09-02-2004	FRESKGARD et al		E
+	DA	WO/03078445	09-25-2003	GOULIAEV et al.		Ē
-	DB	WO/03078626	09-25-2003	GOULIAEV et al	 	E
	DC	WO/03078050	09-25-2003	GOULIAEV et al		E
_	DD	WO/03078446	09-25-2003	GOULIAEV et al		Ī
	DE	WO/03078627	09-25-2003	GOULIAEV et al		E
1	DF	WO/2004074429	09-02-2004	FRESKGARD et al		E
	DC	WO/2004083427	09-30-2004	FRANCH et al		E
	DH	WO/2004039825	05-13-2004	FRESKGARD et al		E
11/	DI	WO/2004001042	12-31-2003	FRESKGARD et al		E
A-	DJ	WO/9951773	10-14-1999	KUIMELIS et al		1
	DK	WO/9609316	03-28-1996	EATON et al		1
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/J.D./	DL	WO/0021909	04-20-2000	DILLARD et al.		E			
1	DM	WO/2004009814	01-29-2004	PEDERSEN et al.		E			
	DN	EP 1533385	05-25-2005	GLAD et al		E			
	DO	WO/2005003778	01-13-2005	FRESKGARD et al		E			
	DP	WO/2004099441	11-18-2004	MOLLER et al.		Е			
	DQ	WO/03082901	10-09-2003	LYNN, D et al.		Е			
-	DR	WO/9105058	04-18-1991	KAWASAKI		E			
	DS	WO/2005058479	06-30-2005	MORGAN et al.		В			
	DT	WO/2004099441	11-18-2004	MOLLER et al.		E			
	DU	WO/0040695	07-13-2000	ALEXANDROV etal		Е			
	DV	DE 19646372	06-19-1997	EVOTEC BIOSYSTEMS GMBH		A			
1/	DW	WO/2005078122	08-25-2005	FRESKAARD et al		E			
$-\Psi$	DW1	WO/2005/026387	03-24-2005	THISTED, et al.		T			

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		DX	Nemoto, N et al. "In vitro virus: bonding of mRNA bearing puromycin at the
/J.[۱ / ۱		3'-terminal end to the C-terminal end of its encoded protein on the
/0.1	J./		ribosome in vitro". FEBS Lett. 1997 Sep 8;414(2):405-8.
		DY	Roberts, RW et al. "RNA-peptide fusions for the in vitro selection of
			peptides and proteins". Proc Natl Acad Sci U S A. 1997 Nov 11;94(23):12297-
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		DZ	Kurz, M et al. "An efficient synthetic strategy for the preparation of
	1 1		nucleic acid-encoded peptide and protein libraries for in vitro evolution
			protocols" Fourth International Electronic Conference on Synthetic Organic
	1 1		Chemistry (ECSOC-4), www.mdpi.org/ecsoc-4.htm, September 1-30, 2000
		EA	Kurz, M et al. "Psoralen photo-crosslinked mRNA-puromycin conjugates: a
	1 1		novel template for the rapid and facile preparation of mRNA-protein
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			16;271(5251):990-3.
		EC	Benner, SA. "Expanding the genetic lexicon: incorporating non-standard
			amino acids into proteins by ribosome-based synthesis". Trends Biotechnol.
			1994 May;12(5):158-63
		ED	Mendel, D." Site-directed mutagenesis with an expanded genetic code". Annu.
			Rev. Biophys. Biomol. Struc. 1995. 24:463-93
		EE	Liu DR et al. "Engineering a tRNA and aminoacyl-tRNA synthetase for the
			site-specific incorporation of unnatural amino acids into proteins in
			vivo". Proc Natl Acad Sci U S A. 1997 Sep 16;94(19):10092-7.
		EF	Liu DR et al. "Progress toward the evolution of an organism with an
لحا	,		expanded genetic code". Proc Natl Acad Sci USA. 1999 Apr 27;96(9):4780-5
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			protein selection". Methods Enzymol. 2000;318:268-93.
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		FF	Li X, Zhan ZY, Knipe R, L Soc. 2002 Feb 6;124(5):74		"DNA-cataly	zed polymeriza	tion". J Am Chem			
		FG	Czlapinski, JL and Sheppa metallosalen-DNA conjugat published on the web 08/1	es". J	"Nucleic ac Am Chem Soc	cid template-di . 2001 Sep 5;12	rected assembly of 3(35):8618-9			
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/	,	FM	Gartner, et al., "Expandin Angew". Chem. Int. Ed. 20 2002.							
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			Calderone, CT et al. "Dir		otherwise incompatible rea							
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